Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Friday 27 Jan 2023 until 23:59 on Saturday 28 Jan 2023

Forecast Issued on Friday 27 Jan 2023 at 00:02

Confidence: High confidence for settled conditions for the start of the period with cold conditions persisting. Poor visibility may become a hazard on Friday and Saturday with the risk of mist and fog. Cloudy with outbreaks of rain Sunday but low confidence currently regarding timings of worst conditions.

Headline for Friday 27 Jan 2023: Mainly dry with some bright spells, some mist and fog in the morning

Mountain weather hazards on Friday 27 Jan 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Fog	Cloudy	Sunny intervals	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability					
20%	20%	20%	20%	20%	20%

Forecast for Friday 27 Jan 2023

Weather: Some patchy low cloud may affect summits first thing, with a risk of mist and fog in valleys and prone locations. Through the morning any mist and fog will lift and break, as well as any cloud on the summits. This gives plenty of bright spells from late morning and will remain mostly dry throughout, although one or two light showers are possible. Winds expected to be light. Mist and fog patches may reform into the evening.

Chance of cloud-free hill tops above 600m: 50% rising to 90% as any early low cloud lifts.

Low cloud and visibility: Scattered cloud above 500m may affect summits in the morning, Northern hills are more likely to be affected with many of the southern hills cloud free all day. Visibility will be moderate or poor in any mist and fog but as this lifts and clears visibility will become very good for much of the day. Visibility is likely to become hazy from mid afternoon and turn moderate or poor as any mist and fog reforms later.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Friday 27 Jan 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/15 NE	9/11 NE	7/9 NE	3/5 N	5/8 W	7/9 SW	9/12 SW
300	6/12 NE	6/10 NE	5/8 NE	3/4 NW	3/7 W	4/6 SW	5/7 SW
Valley	4/13 NE	4/12 NE	3/6 NE	3/5 NW	3/7 NW	2/5 SW	2/7 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-4	0/-4	1/-2	2/-0	1/-2	-0/-4	-0/-5
300	3/0	3/0	4/2	4/3	3/2	2/0	1/-1
Valley	3/1	3/1	5/4	5/4	3/2	2/0	1/0
Freezing Level*	700m	700m	600m	700m	700m	600m	600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A dry settled day with some sunshine, feeling cold. The main hazards are mist and fog affecting visibility at times.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Fri 27 Jan 2023	0.6mm	3.8mm	4.4mm

Forecast for Saturday 28 Jan 2023

Weather: Saturday expected to be cloudy and cold, with some drizzle or light rain at times. Low cloud persistent throughout the day and looks unlikely to break. Feeling very cold with the low cloud and damp conditions. Cloudy conditions look likely to persist into the evening,

Maximum wind: Light westerly winds 10 gusting 15-20mph.

Chance of cloud-free hill tops above 600m: 30%

Low cloud and visibility: Broken low cloud layers above 300m are likely with poor general visibility expected in fog patches and drizzle, visibility may be very poor at times where the fog is most prevalent.

Temperature: **Valleys:** Plus 1 rising to 4 Celsius.
At 600m: 0 Celsius rising to plus 3 Celsius.
Freezing level: Above the summits.

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